



MI-Type Standard

- 1 Ω Resistor with Carrying Case
- Replacement for Thomas 1 Ω
- Temperature Coefficient $<0.05 \times 10^{-6}/^{\circ}\text{C}$
- Long Term Drift $<0.2 \times 10^{-6}/\text{Year}$
- No pressure coefficient
- Maximum dissipation 100 milli-watts
- Highest performance dissipation 10 milli-watts

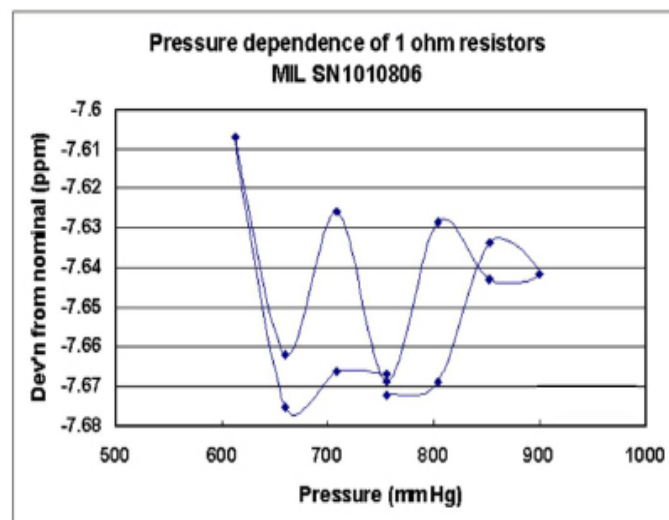
Model 9210A



Model 9210A MI-Type Standard

The Model 9210A MI-Type standard has been developed through years of research by NRCC and Measurements International and is now offered as an improved resistor design to replace the L&N Thomas-Type One-Ohm Standard as well as other values. These improvements have been achieved through a new annealing process of the element and changes in the structural mounting. Historical data is now proving the Model 9210A to be the most stable oil filled resistor commercially available.

The Model 9210A features a long term drift rate less than 0.2 ppm per year and a temperature coefficient of less than 0.05 ppm/ $^{\circ}\text{C}$.





Model 9210A MI-Type Standard

Specifications: Rev 4

Model	Nominal Value Ohms	Tolerance \pm ppm	First Year Drift (ppm)	Stability 12 Month (ppm)	Max Current (A)	TC at 25°C \pm 1°C (ppm/°C)	Maximum Voltage
9210A/0.1	0.1	<10 PPM	1	0.2	1	0.05	0.1
9210A/1	1	<10 PPM	1	0.2	0.1	0.05	0.1

Dimensions:
 90 Dia x 165 H (mm)

Weight:
 2 kg

Shipping Weight:
 5 kg

Main Power:
 N/A

Corporate Headquarters

Measurements International
 PO Box 2359, 118 Commerce Drive
 Prescott, Ontario, Canada K0E 1T0
 Phone: (613) 925-5934
 Fax: (613) 925-1195
 Email: sales@mintl.com
 Toll Free: 1-800-324-4988

Worldwide Offices

MI-USA
 Phone: (407) 706-0328
 Email: sales@mintl.com
 Toll Free: 1-866-684-6393

MI-China
 Phone: 86-10-64459890
 Email: sales@mintl.com

MI-Europe
 Phone: +(420) 731-440-663
 Email: sales@mintl.com

MI-Japan
 Phone: +(81) 72 39 64 660
 Email: kaz@mijpn.com

MI-India
 Phone: +(91) 98 10 134 932
 Email: sales@MILLP.co.in



www.mintl.com